SEQUENCE LISTING

<110> THE ROYAL VETERINARY COLLEGE
<120> VACCINE COMPOSITION

<130> RVCV/P30948PC

<140> PCT/GB2004/002865
<141> 2004-07-01

<150> GB 0315323.6
<151> 2003-07-01

<160> 10

<170> SeqWin99

<210> 1
<211> 218
<212> DNA
<213> Unknown

<220>
<223> Partial 23S rRNA gene sequence from Chlamydophila isolated from dog with canine infectious respiratory disease (CIRD)

<400> 1
agtggtctcc ccagattcag actaggtttc acgtgcctag ccctactcag gtatcgaata 60
gagtctcttg ttttttcgtc tacgggacta tcaccctgta tcgttctact ttccagaagt 120
attcgactaa aacttaagat cccatgttat cgaccctaca accccacatt aaaaatgtgg 180
tttggtcttc tccccttccg ctcgccgcta cacaggga 218

<210> 2
<211> 221
<212> DNA
<213> Unknown

<220>
<223> Partial 23S rRNA gene sequence from Chlamydophila isolated from dog with CIRD

<400> 2
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atagagtctc ttgtttttwc gtctacggga ctatcaccct gtatcgttct actttccaga 120
agtattcgac taaaacttaa gatcccatgt tatcgaccct acaaccccac attaaaaatg 180
tggtttggtc ttctcccctt tcgctcgccg ctacacaggg a 221

<210> 3
<211> 224
<212> DNA
<213> Unknown

<220>
<223> Partial 23S rRNA gene sequence from Chlamydophila isolated from dog with CIRD

<400> 3

tgagagtggt ctccccagat tcagactagg tttcacgtgt ctagccctac tcaggtatcg 60
aatagagtct cttgtttttt cgtctacggg actaacaccc tgtatcgttc tactttccag 120
aagtattcga ctaaaactta agatcccatg ttatcgaccc tacaacccca cattaaaaat 180
gtggtttggt cttctccccc tttcgctcgk ccgytatcac aggg 224

<210> 4
<211> 221
<212> DNA
<213> Unknown

<220>
<223> Partial 23S rRNA gene sequence from Chlamydophila isolated from dog with CIRD

<400> 4
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atagagtctc ttgtttttc gtctacggga ctatcaccct gtatcgttct actttycaga 120
agtattcgac taawwcttaa gatcccatgt tatcgaccct acaaccccac attwwwwatg 180
tggtttggtc ttctcccctt tygctcgccg ctacacaggg a 221

<210> 5
<211> 217
<212> DNA
<213> Unknown

<220>
<223> Partial 23S rRNA gene sequence from Chlamydophila isolated from dog with CIRD

<400> 5
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aatagagtct cttgtttttkt cgtctacggg actatcaccc tgtatcgttc tactttccca 120
gaagtattcg actaaaahct taagatcccc atgttatcga ccctacaacc cccacatdaa 180
aaatgtggtt tggtcttctc ccctttcgct cgccgct 217

<210> 6
<211> 221
<212> DNA
<213> Unknown

<220>
<223> Partial 23S rRNA gene sequence from Chlamydophila isolated from dog with CIRD

<400> 6
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agtattcgac taaaacttaa gatcccatgt tatcgaccct acaaccccac attaaaaatg 180
tggtttggtc ttctcccctt tcgctcgccg ctactcaggg a 221

<210> 7
<211> 220
<212> DNA
<213> Unknown

<220>

<223> Partial 23S rRNA gene sequence from Chlamydophila isolated from dog with CIRD

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attagtatta ttgagaatbt taattacagg agtatcacct tctatgctct agtttccaac 120
taatttcatct attctcttta attacacatt atagtcctac aaccccmaa tgcaagcatt 180
gggtttgtcc taatcccagt tcgctcgccg ctacacaggg 220

<210> 8
<211> 220
<212> DNA
<213> Unknown

<220>
<223> Partial 23S rRNA gene sequence from Chlamydophila isolated from dog with CIRD

<220> N
<222> 174
<223> N can be A, C, G or T

<400> 8
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aagtattcga ctaaaacttn agatcccatg ttatcgaccc tacaacccca catnaaaaat 180
gtggttttggt cttctcccct ttcgctcgcc gctacacagg 220

<210> 9
<211> 28
<212> DNA
<213> Artificial Sequence

<220>
<223> PCR primer

<400> 9
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<210> 10
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> PCR primer

<400> 10
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